

My dear Gray,

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New York, ~~Wednesday~~ Apr. 14th June

I am inclined to doubt whether an overweening sense of my own importance is my besetting sin, in these days; but I am sure I do not deceive myself in the belief that you will be glad to hear my personal news - especially as it is good - I am surprisingly feeble, but think ^{fitly} decidedly convalescent - I have not been out to-day, but have very comfortably "discussed" - not "a hasty plate of soup" - but a leisure bowl full of Chicken broth, sent me from Sam's, & topped up with a glass of Madeira! taken medicinally - mind - & by order of the Doctor! so it affords no precedent for those who are well in health. Another motive I have for writing this early, is to repeat my thanks to your goodself, & dear little wife, for your extreme kindness to me, on Sunday - I beg you both to believe that it is a grateful recollection to my heart - And now, to make my letter a little entertaining to you, I will give you - Part 1 - of the Spading Plants, at which I worked as well as I could, yesterday, but quite vigorously to-day - First of all, however, let me ask you for 2 or 3 things suggested to me by overhauling my folios - Clematis crispa - it seems by the few. West. that you have in cultivation - if I am too late for the flowers, please let me have the leaves & ripe carpels - I never understand this species, nor C. cylindrica, & shall be glad of the chance - Perhaps you may have some flowers by you - Astragalus - I remember I planted for you abundantly last Spring, & I should like fl. ripe carpels of this - also of Thermopsis montana, if it flowered last year - amongst a few wretched things from Fremont's 2^d? Collectⁿ is something which I incline to refer to this species - Remember also I hold you responsible for my Sprague Specⁿ of Staulaya - There is something very like this, also, in Fremont's scraps - I forgot to ask you to send me, ^{by mail} the sheets of Dana's Revⁿ of the Mantⁿ - if you have any to spare - as I do not see Silliman now - a day - I have thought half a dozen times, since Sunday, of your being so eminently ridiculous as to ask me to unite your 4 books for the N. Am. without even hinting to me that one of them had been already noticed - It is really too laughable - Why, the "Sixt Book" constituted my Mortar, or cement, with which I contrived to hold the other 3 bricks together; & if Bowen takes it out, I fear the "adhesiveness" of the remarks will be utterly destroyed - However, you must needs confess that if it should read like "a thing of shreds & patches" - the fault will not lie at my door - That's pox! you yourself asked me to notice it, & not being a conjurer, I could not know that I ought not to mind you.

I do not want these come directly - but only prepare them, while in season

I should like also to see the Rev. of "The Text Bk." if you have it in loose sheets.

Clear Water Plants - Part 1. (Confined to those rec'd from you.)

- Clematis Douglasii* (distinct from *C. Weythii*? I see no character.)
- C. ligusticifolia*? (Aly.) I call *C. Virgin.* the leaves are not 5-foliate nor "much smaller" but quite large -
- Anemone nemorosa*
- Ranunc. glaberrimus* - Hook. I do refer it (?) because it is too pubescent & from K. Kovals & Shrevicaults, it differs in the single or few-flow'd stems.
- R. reptans* - *aspatilis* - *hispidus* Mx? (a mere bit!)
- Delphinium tricornue* - the other 2 forms I referred to *D. arureum* (?) I do not understand this species & its var., nor does Hook. make out rarer references in the Suppl. Fl. U.S.A. (See Journ. Bot. Soc.)
- Aconit. delphinifol.* Aly.: I referred to *A. columbianum* (?) It does not agree with rarer *A. delphin.* from North. Petrop!
- Actaea rubra*? (hard young)
- Thalictrum diaicum*
- Berberis Aquifol.*
- Carydalis aurea*
- Cheiranthus capitatus* (Aly.) In the Fl. Suppl. you refer this to *Cryp. grandifl.* Nutt. I call *Spalding's* plant *Cryp. asperum* which indeed seems little different from Nutt. but my spec^{ies} have no pods whatever - How is this? are the 3 only 1 species?
- Nasturtium contortuplicatum* (Aly.) I called *N. curvisiliqua* - whose long name is rarer?
- Barbarea vulgaris*
- Capsella Bursa-past.*
- "*Sarritis flabra*" - I had no spec^{ies} I suppose I called it so - if there was one in the Wash^{ington} set.
- "*Sarritis patula*, ex Beuth." - is a goose!
- " - *retrofracta* - Hook." - is another!!
- & for citing their twaddle a certain professor's N. 3!!!
- Sarritis* was never paid for much, hell if it takes these plants it is already given certainly.

They are, I doubt not, refer^{red} to *Streptan.* of which they have all the essential char^{acter} but not the contorted claw of the petal which probably does not come until the flowers get old^{er} as to the length of the pod that of course depends on age, & I cannot judge - The genus is not a strong one, but there is some little char^{acter}? about it - colour of petals - col^{our}? hairy gibbous sepals, & long canal? claw to the petals - All this we have here - look at a Calif. thing you have from Harney - a real *Streptan.* - & *Euclytia* - which he proposed to call *S. hirtipes*. - It has just the hairy pedicel, & recurved pod of these things. If *Streptanthus* will not hold these plants, the genus is not worth a button notwithstanding the 3 great Botanists! I scarcely see any specific diffe^{rence} between these specimens, tho' one seems stunted, & few-flowered - I in Torr's set I referred both to - *S. virgatus*, Nutt. [?]

Lepidium virginicum
ruderale

Physanacarp. oblongifol.
curvipes

"*Sisymbrium* - ? approaching *S. junceum* but the upper leaves are pinnate (Cotyle^{don}) and rather unequal, mostly incurved, or slightly oblique" - My Mem. to Torr.

Draba nemoralis - says Mr. C.
D. lutea, var. *longipes*, says Hook! in Key. Pl. but he is wrong - See my Mem. in your Journ. Bot. - I also refer here the little dwarf thing just coming into flower

Platyspermum
Cleome lutea

- Nicotia (asaullesc.) V. palustris*?
 - (caulesc.) - *Nuttallii*
 - *Muhlenbergii*
- Hypericum Scouleri*
- Xemaria congesta* - var. *major* Hook
lateriflora
- Cerastium arvense*
- Stellaria nitida* - var. *ε.* Polgr.
 - *borealis* - Big. (very Big.)
 - (a) *nitens* - Nutt.?
- Silene Drummondii*?
Scouleri - ?
Menziesii
- Claytonia perfoliata*
 ✓ *linearis* β. *minus* - Hook.
parviflora, Daugh.
- C. oxigena* f. *oppos.* cauline leaves, & bracteate pedicels, as in *C. albicaulis*, but the leaves are linear - spatulate & the petals entire, or only slightly emarginate" - Mem. to Torr.
- Linum perenne*
- Geranium macul.* - *Carolin.*
- Erodium cicut.*
- Malva rivularis*, Daugh.
- Sida Oregona* - Nutt.
- Malvaeflora* D.C.
- Acer Douglasii*
- Vicia Amer.* "foliis latioribus &c." Hook
 - *truncata* - Nutt.
- Anthyris* - I do not find; if forget if it was in the Wash^{ington} set - I now refer the piece you send to *L. venosus* & ? f. *fl.*
- Glycyrrhiza glutinosa*
- Trifolium cyathiferum*
 - *altissimum*
 - *plumosum*
 & a species, I have not, but which I consider *T. variegatum* - Nutt.
- Hosackia Purshiana*
 - *decumbens*

"*Astragal. Drummondii*? differs from Hook's Char. in the pubescent anthers - Is it *A. racemosus* Ph.?"

"*A. glareosus*, Daugh.?" - (a rippled) }
 } *Axytropis reflexa* β. *sericea*? - (D.)

Lupinus laxiflorus, Daugh.
 - *leucophyllus* - Lindl.
 - *aridus*, Daugh?
 (versicolor - Lindl.? or)
 - *argenteus* - Ph.? or both.
 - *montkatensis*, var. *fl. alb.*? differs from your Char. only in the shorter stipules.

Thermopsis (yellow) *plumbifol.*?
 - (purple) *falcae*?
 (to be continued!)

The least you can do is to inform me of all my errors & misconceptions, of which, keep Mem^{orandum}: as you proceed - your head can no longer be trusted - My best love to the dear little Lady, & believe me Affly Yrs.
 G. C.

Thursday Aftern 1 o'clock -
 A hot day - rather feeble; but have been working at the Hooker's very faithfully - tho' not very much.

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